

EnviroTech News - May, 2006 U.S. EPA Environmental Technology
Opportunities Portal (ETOP)

Welcome to EnviroTech News, a service provided through EPA's Environmental Technology program by the Environmental Technology Opportunities Portal (ETOP). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnviroTech News feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnviroTech News as brief as possible while providing information relevant to your needs. This information, updated weekly, may also be found at <http://www.epa.gov/etop/funding>

GOVERNMENT FUNDING OPPORTUNITIES

ENVIRONMENTAL PROTECTION AGENCY

(New) EPA SOLICITS PROPOSALS FOR THE FY06 PHASE 1 SMALL BUSINESS INNOVATION RESEARCH (SBIR) PROGRAM. THE RFP WILL CLOSE 5/24/06. This procurement is a total small business set-aside. Areas of interest include, but are not limited to: Green Buildings, Innovation in Manufacturing for Environmental Protection, Water and Wastewater Management, Mining and Mine Waste Management, Management of Animal Feeding Operations, Agriculture and Rural Community Improvement, Engine and Vehicle Emissions Reduction, Lead Paint Detection and Removal. Up to 40 contract awards anticipated. For more info, contact Marsha Johnson at johnson.marsha@epa.gov or go to: <http://es.epa.gov/ncer/sbir/> Refer to Sol# PR-NC-06-10207.

(New) EPA REQUESTS PROPOSALS FOR INDOOR ENVIRONMENTS: REDUCING PUBLIC EXPOSURE TO INDOOR POLLUTANTS. RESPONSES DUE 6/2/06. The goal of this solicitation is support demonstration, training, outreach and/or education projects to increase the number of people breathing healthier indoor air. Work must take place in Region 9 which consists of AZ, CA, NV, HI, GU, CNMI, and AS. \$120K expected to be available, up to 5 awards anticipated. For more info, contact Louise Hill at (415) 947-4192 or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=9027> Refer to Sol# EPA-R9-AIR6-06-008.

(New) EPA REQUESTS PROPOSALS FOR CLEAN SCHOOL BUS USA FOR RETROFIT AND/OR REPLACEMENT PROJECTS THAT REDUCE POLLUTION FROM SCHOOL BUSES WITHIN THE REGION 5 STATES WHICH INCLUDE IL, IN, MI, MN, OH AND WI. RESPONSES DUE 6/16/06. \$464K expected to be available, 2 to 10 awards anticipated. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=9046> Refer to Sol# EPA-R5-CSB-2006.

(New) EPA REQUESTS PROPOSALS FOR THE MIDWEST CLEAN DIESEL INITIATIVE, FOR PROJECTS THAT WILL DEMONSTRATE EFFECTIVE EMISSION CONTROL TECHNOLOGIES AND STRATEGIES, METHODS OR APPROACHES TO REDUCING DIESEL EMISSIONS. RESPONSES DUE 6/16/06. Projects must take place within Region 5 which includes IL, IN, MI, MN, OH and WI. \$575K expected to be available, up to 10 awards anticipated. For more info, contact Julie Henning at henning.julie@epa.gov or go to: <http://www.epa.gov/midwestcleandiesel/grants/mcdi-06-rfp.pdf> Refer to Sol# EPA-R5-MCDI-2006.

EPA SOLICITS APPLICATIONS FOR AN EXTRAMURAL FUNDING COMPETITION SUPPORTING RESEARCH INTO THE CONSEQUENCES FOR AIR QUALITY OF GLOBAL CHANGE - INCLUDING CLIMATE, CLIMATE VARIABILITY, LAND-USE, ECONOMIC DEVELOPMENT, AND TECHNOLOGY. APPLICATIONS DUE 6/20/06. EPA is interested in analysis of pollutant emissions related to tropospheric ozone, particulate matter, and mercury that may be altered by future global changes. Approximately \$5.4 million is available for six awards. For more information including eligibility and contact information go to http://es.epa.gov/ncer/rfa/2006/2006_star_gcaq.html

EPA HAS ISSUED A BROAD AGENCY ANNOUNCEMENT (BAA) FOR PLANNING, ARRANGING, ADMINISTERING, AND CONDUCTING CONFERENCES, WORKSHOPS, AND MEETINGS IN VARIOUS. This BAA will remain open until 1/18/07. These area include: 1) EPA mission related issue, 2) Advancing research that promotes environmental protection, 3) Exploring issues of importance to environmental protection, and 4) Encouraging collaboration among the nation's best scientists and engineers in academia, business and nonprofit research institutes. \$750K expected to be available, 25 awards anticipated. Conference funding decisions will be made on a quarterly basis. For more info, contact Michael Bender at bender.michael@epa.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=7638> Refer to Sol# EPA-OSA-ORD-0601.

DEPARTMENT OF AGRICULTURE

USDA, RURAL BUSINESS COOPERATIVE SERVICE REQUESTS APPLICATIONS UNDER THE FARM SECURITY AND RURAL INVESTMENT ACT OF 2002 (THE FARM BILL) FOR RENEWABLE ENERGY SYSTEMS AND ENERGY EFFICIENCY IMPROVEMENTS GRANTS AND GUARANTEED LOANS. RESPONSES DUE 7/3/06. Through this RFP, the USDA will make loans, loan guarantees, and grants to farmers, ranchers and rural small businesses to purchase renewable energy systems and make energy efficiency improvements. \$11.4 million expected to be available for renewable energy and energy efficiency projects. 75% cost share required. \$176.5 million available in guaranteed loan authority. For more info, go to: <http://www.rurdev.usda.gov/rbs/farmbill/index.html>

USDA HAS ISSUED NUMEROUS REQUESTS FOR PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM (CIG). The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. RFPs are open in geographic areas including but not limited to: Puerto Rico, the Virgin Islands, the Pacific Islands, ID, ME, NC, KS, NB, OH, SD, MT and UT. Funding amounts and due dates vary by RFP. For more info, go to <http://www.grants.gov> and type CIG into the search field.

USDA INVITES APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. APPLICATION DUE DATES VARY BY PROGRAM AREA. This program supports research, extension and education grants that address key problems of national, regional and multistate importance in sustaining all components of agriculture. Approximately \$180 million in FY 2006 funding is expected to be available for awards. For research projects, state agricultural experiment stations, colleges and universities and other research institutions, federal agencies, national laboratories, and private organizations or corporations are eligible. More information is available at: http://www.csrees.usda.gov/funding/rfas/nri_rfa.html

USDA THROUGH THE SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION PROGRAM (SARE) REQUEST GRANT APPLICATIONS FOR RESEARCH PROJECTS THAT ADDRESS CROP AND LIVESTOCK PRODUCTION AND MARKETING, STEWARDSHIP OF SOIL AND OTHER NATURAL

RESOURCES, ECONOMICS AND QUALITY OF LIFE. APPLICATION DETAILS, DEADLINES, AND PERCENT SUCCESS VARY BY REGION AND PROGRAM. More info is available at <http://www.sare.org/grants/index.htm>

DEPARTMENT OF DEFENSE

DOD SOLICITS REVOLUTIONARY GUIDANCE AND ORDNANCE TECHNOLOGY -- RESEARCH AREA 12 - ENVIRONMENTAL POLLUTION PREVENTION. THIS BROAD AGENCY ANNOUNCEMENT WILL REMAIN OPEN UNTIL SUPERCEDED. One of the goals of the Munitions Directorate is to develop "Green Munitions" concepts. These concepts would result in weapons that would not cause pervasive adverse environmental effects and would use environmentally friendly manufacturing materials and techniques. For more information and eligibility go to

<http://www.grants.gov/search/search.do?mode=VIEW&oppId=8002>

THE U.S. AIR FORCE, AIR FORCE RESEARCH LABORATORY MUNITIONS DIRECTORATE HAS ISSUED A BROAD AGENCY ANNOUNCEMENT (BAA) FOR ADVANCED TACTICAL VEHICLES FOR BATTLEFIELD AIRMAN AND SECURITY FORCES. Areas of interest include but are not limited to the design, development, and testing of vehicle power and propulsion systems, advanced energy storage capabilities, and the development and analysis of new methods for remote energy production. Up to 25 awards anticipated. Responses accepted until the BAA is superseded. For more info, contact Mimi Martin at mimi.martin@eglin.af.mil or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8006> Refer to Sol# MNK-BAA-06-0005.

DEPARTMENT OF ENERGY

(New) DOE REQUESTS PROPOSALS FOR BUILDING TECHNOLOGIES STATE ENERGY OUTREACH AND DEPLOYMENT STATE ENERGY PROGRAM SPECIAL PROJECTS. RESPONSES DUE 5/24/06. Project proposals should more fully integrate deployment and technical assistance activities for the following programs: Building America, Building Energy Codes, Energy Star and Rebuild America. DOE seeks creative initiatives that increase energy savings in the residential and commercial building sectors. State and Territorial Energy Offices must be the lead applicants though teaming arrangements are encouraged. \$3.3 million expected to be available, 8 to 15 awards anticipated. For more info and eligibility, contact Lisa Kuzniar at lisa.kuzniar@netl.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/58ABEB426251CDA885257138006FC4DC?OpenDocument> Refer to Sol# DE-PS26-06NT42837

DOE REQUESTS APPLICATIONS FOR UNIVERSITY CRYSTALLINE SILICON PHOTOVOLTAICS R&D. RESPONSES DUE 5/30/06. Areas of interest include, but are not limited to reducing the amount of raw materials to produce PV cells and modules, improving the efficiency of commercially manufactured PV crystalline silicon cells, and reducing the costs to fabricate/manufacture PV. \$5 million expected to be available, 1 award anticipated. For more info, go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/038FFEB20999467385257106007AB52B?OpenDocument>. Refer to Sol# DE-PS36-06GO96015.

(New) DOE REQUESTS PROPOSALS FOR THE STATE PARTNERSHIPS TO ACCELERATE INDUSTRIAL ENERGY EFFICIENCY AND SAVE ENERGY NOW INITIATIVE. RESPONSES DUE 5/31/06. This announcement seeks State and Territorial Energy Offices to help boost the productivity and competitiveness of their industrial bases. Topics of interest include: 1) Outreach, Training, Assessments and Commercialization Support; and 2) Advancing Greater Fuel Flexibility in the Industrial

Sector. \$1 million expected to be available, 5 to 8 awards anticipated. For more info, go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/F9F9B6E500D5C07D852571420065500F?OpenDocument> Refer to Sol# DE-PS36-06GO96026.

DOE REQUESTS PROPOSALS FOR BASIC RESEARCH IN SOLAR ENERGY UTILIZATION IN ORDER TO ESTABLISH A SCIENTIFIC BASIS THAT UNDERPINS THE EFFICIENT CAPTURE, CONVERSION, AND UTILIZATION OF SOLAR ENERGY IN A COST-EFFECTIVE MANNER. PRE-APPLICATIONS ARE REQUIRED AND ARE DUE 6/5/06, FINAL APPLICATIONS DUE 11/14/06. Areas of interest include: 1) Solar to Electric Conversion, 2) Solar Fuels Production, and 3) Solar Thermal Energy Utilization. \$20 million expected to be available. For more info and eligibility, contact Eric Rohlfing at Eric.rohlfing@science.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/37ADD1CFF646207785257138006CF1F6?OpenDocument> Refer to Sol# DE-FG02-06ER06-15.

(New) DOE REQUESTS APPLICATIONS IN SUPPORT OF ADVANCED COAL RESEARCH AT U.S. COLLEGES AND UNIVERSITIES. RESPONSES DUE 6/14/06. DOE seeks projects that have the potential to overcome barriers in technology development and accelerate the identification of solutions for energy and environmental problems. Areas of interest include but are not limited to: 1) Cathode Performance and Stability Improvements in Intermediate Temperature Solid Oxide Fuel Cells; and, 2) Experimental Studies for the Development of Functional Materials for Hydrogen-Based Energy Systems. \$2.76 million expected to be available, 5 to 10 awards anticipated. For more info, contact James Cox at james.cox@netl.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/C43D62AD855ECAAF8525715A006C2F95?OpenDocument> Refer to Sol# DE-PS26-06NT42751.

(New) DOE REQUESTS PROPOSALS FOR NOVEL TECHNOLOGY AND COMMERCIALY FOCUSED APPROACHES TO CO2 CAPTURE AND SEPARATION FOR EXISTING AND FUTURE CARBON BASED ELECTRIC GENERATION POWER PLANTS. RESPONSES DUE 6/16/06. The objectives of this solicitation are to develop novel and cost effective alternatives to current technology for the capture of CO2 from power plant effluents and to continue research toward commercialization of technologies that show promise toward meeting Carbon Sequestration Program goals. \$39 million expected to be available, up to 15 awards anticipated. For more info, contact Debra Duncan at Duncan@netl.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/EA72CD019D979D8A852571550068E185?OpenDocument> Refer to Sol# DE-PS26-06NT42829-0.

(New) DOE'S NATIONAL ENERGY TECHNOLOGY LABORATORY (NETL) IS SEEKING APPLICATIONS FOR THE UNIVERSITY COAL RESEARCH (UCR) PROGRAM. APPLICATIONS DUE 8/24/06. This funding opportunity notice contains three program areas of interest each with multiple sub-areas of interest. Applicants are cautioned that this funding opportunity announcement is a master announcement and that each program area of interest has its own program-specific number for submission of applications. Eligibility is restricted to state and private institutions of higher education. For more info, go to <https://e-center.doe.gov/iips/faopor.nsf/3b3cff0a4a1f243485256ec100490ela/e7cd0ebb1207803c8525715a0067de17?OpenDocument>

(New) DOE REQUESTS APPLICATIONS FOR THE EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCOR) PROGRAM. RESPONSES DUE 9/27/06. EPSCoR assists designated States to conduct nationally competitive energy research and to develop science and engineering human resources in energy-related areas. The following states are eligible to apply: AL, AK, AR, AK, DE, HI, ID, KS, KY, ME, MS, MT, NE, NH, NM, RI, SD, VT, WY, Puerto Rico, and U.S. Virgin Islands. \$3 million expected to be available, 4 to 6 awards anticipated. For

more info, contact Aravinda Kini at aravinda.kini@science.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/9B8A4BE0AFBD8AF38525714100484F1E?OpenDocument> Refer to Sol# DE-PS02-06ER06-14.

DOE REQUESTS PROPOSALS FOR THE COMMERCIAL DEMONSTRATION OF AN INTEGRATED BIOREFINERY SYSTEM FOR PRODUCTION OF LIQUID TRANSPORTATION BIOFUELS, BIOBASED CHEMICALS, SUBSTITUTES FOR PETROLEUM-BASED FEEDSTOCKS AND PRODUCTS, AND BIOMASS-BASED HEAT/POWER. RESPONSES DUE 8/10/06. Project focus is on the design, construction and operation of an integrated biorefinery employing lignocellulosic feedstocks for the production of combinations of liquid transportation fuels, biobased chemicals, substitutes for petroleum-based feedstocks, and energy in the form of electricity or useful heat. Up to \$160 million expected to be available, up to 3 awards anticipated. For more info, contact Melissa Wise at melissa.wise@go.doe.gov or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/6EF8A6AD174A69B08525711D007E834C?OpenDocument> Refer to Sol# DE-PS36-06GO96016.

DOE IS ACCEPTING APPLICATIONS FOR SUPPORT OF WORK IN AREAS INCLUDING BUT NOT LIMITED TO BASIC ENERGY SCIENCES, HIGH ENERGY PHYSICS, AND BIOLOGICAL AND ENVIRONMENTAL RESEARCH. RESPONSES ACCEPTED ON AN ONGOING BASIS, FINAL DUE DATE UNDER THIS NOTICE IS 9/1/06. Sub areas of interest include, but are not limited to, climate change research, materials sciences and engineering, chemical sciences and energy biosciences. Up to \$400 million expected to be available. Eligibility is unrestricted. For more info, go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/e9a0fe97bcd5b6208525708c00673ffd?OpenDocument> Refer to Sol# DE-FG01-06ER06-01

THE NATIONAL RENEWABLE ENERGY LABORATORY, UNDER CONTRACT TO THE U.S. DEPARTMENT OF ENERGY, SOLICITS INTEREST FROM COMPANIES INTERESTED IN OBTAINING LICENSE RIGHTS TO COMMERCIALIZE, MANUFACTURE AND MARKET TECHNOLOGIES DEVELOPED AT NREL. Information on technologies available for licensing is posted at: <http://www.nrel.gov/technologytransfer/licensing.html> For more info, contact Richard Bolin at richard.bolin@nrel.gov

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website: <http://e-center.doe.gov>

DEPARTMENT OF THE INTERIOR

(New) THE U.S. BUREAU OF RECLAMATION REQUESTS PROPOSALS FOR THE WATER CONSERVATION PROGRAM. RESPONSES DUE 5/26/06. This solicitation will support the development of effective water management and conservation plans; encourage and promote implementation of water efficiency measures; demonstrate conservation technologies; and promote and support water education in the Yuma, AZ area. \$90K expected to be available, 2 to 3 awards anticipated. For more info, contact Brenda Murray at (702) 293-8570 or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=9100> Refer to Sol# 06SF3400005.

FEDERAL AVIATION ADMINISTRATION

FAA ACCEPTS UNSOLICITED RESEARCH PROPOSALS THAT ADDRESS LONG-TERM GROWTH AND SHORT-TERM TECHNICAL NEEDS OF CIVIL AVIATION. PROPOSALS ACCEPTED THROUGH

1/1/2012. 10 areas of interest are identified which include, but are not limited to: 1) Environment and Energy Improvements that address environmental and regulatory issues such as noise abatement, aircraft pollution, and improved certification of clean, quiet, fuel efficient aircraft, and 2) Airports Improvements in design, construction, operation, and maintenance of airports. For more info, contact Barbara Fuller at barbara.fuller@faa.gov or go to: <http://www.tc.faa.gov/logistics/grants/apply.htm> FAA is currently updating their Research Grant RFP. Interested applicants are asked to refer to Sol#97.2 until Sol# FAA-06-01 is posted.

GENERAL SERVICES ADMINISTRATION

GSA IS ISSUING A REFRESHED SOLICITATION FOR THE CORE BUSINESS LINE FOR BUILDINGS AND BUILDING MATERIALS, INDUSTRIAL SERVICES AND SUPPLIES. This pre-solicitation includes product/services including but not limited to Solar Energy Systems and Lighting Products, Building Materials, and Power Distribution Equipment, Generators and Batteries. For more info and eligibility, contact Ernie Waugh at ernie.waugh@gsa.gov or go to: <http://www1.fbo.gov/spg/GSA/FSS/7FX/7FCI%2DF8%2D03%2D0056%2DB%2DFSG%2D62/SynopsisP.html> Refer to Sol# 7FCI-F8-03-0056-B

HOUSING AND URBAN DEVELOPMENT

HUD REQUESTS APPLICATIONS FOR THE LEAD AND HEALTHY HOMES TECHNICAL STUDIES PROGRAMS. RESPONSES DUE 6/6/06. The purpose of these programs is to gain knowledge to improve the efficacy and cost-effectiveness of methods for evaluation and control of lead-based paint and other housing related health and safety hazards. \$5.75 million expected to be available. For more info and eligibility, contact Dorthera Yorkshire at Dorthera_Yorkshire@hud.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8390> Refer to Sol# FR-5030-N-29.

HUD REQUEST PROPOSALS FOR THE BROWNFIELD ECONOMIC DEVELOPMENT INITIATIVE (BEDI). RESPONSES DUE 6/14/06. BEDI helps local governments redevelop brownfields, which are abandoned, idled, or underutilized real property, including commercial facilities, where expansion or redevelopment is complicated by the presence or potential presence of environmental contamination. \$10 million expected to be available, individual awards NTE \$1 million. For more info and eligibility, contact Dorthera Yorkshire at Dorthera_Yorkshire@hud.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8396> Refer to Sol# FR-5030-N11.

NATIONAL SCIENCE FOUNDATION

NSF REQUESTS APPLICATIONS FOR ANTARCTIC RESEARCH. RESPONSES DUE 6/7/06. The goals of this program are to expand fundamental knowledge of the region, to foster research on global and regional problems of current scientific importance, and to use Antarctica as a platform from which to support research. \$10 million expected to be available, up to 100 awards anticipated. For more info and eligibility, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06549 Refer to Sol# 06-549.

XxxSMALL BUSINESS INNOVATION RESEARCH AND SMALL BUSINESS TECHNOLOGY TRANSFER PROGRAMS PHASE I SOLICITATION FY-2007 (SBIR/STTR) PROPOSALS DUE 6/13/06. There will be 150 awards and the anticipated funding amount will be \$16.25 million with approximately \$12.5 million for SBIR Phase I and approximately

\$3.76 million for STTR Phase I (pending the availability of funds). More info at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06553

NSF REQUESTS PROPOSALS FOR THE PARTNERSHIPS FOR INNOVATION PROGRAM (PFI). OPTIONAL LETTERS OF INTENT DUE 6/28/06, FINAL PROPOSALS DUE 8/30/06. PFI stimulates the transformation of research and education into innovations that create new wealth, build strong local, regional and national economies and improve the national well-being. PFI proposals must be submitted by academic institutions, however, partnerships are required. \$9 million expected to be available, up to 15 awards anticipated. For more info and eligibility, contact Sara Nerlove at snerlove@nsf.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8389> Refer to Sol# 06-550.

NSF REQUESTS PROPOSALS FOR THE MATERIALS USE: SCIENCE, ENGINEERING, AND SOCIETY (MUSES) PROGRAMS. RESPONSES DUE 2/7/07. MUSES is aimed at soliciting new multidisciplinary activities that encourage researchers in engineering, physical and life sciences, social and behavioral sciences, economics, mathematics, and education to reach beyond their disciplinary boundaries in order to address complex issues related to materials use in the environment. \$6.45 million expected to be available, 4 awards anticipated. Eligibility is unrestricted. For more info, go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06518 Refer to Sol# 06-518

US AGENCY FOR INTERNATIONAL DEVELOPMENT

USAID REQUESTS PROPOSALS FROM POTENTIAL PARTNERS IN MEETING THE GOALS AND OBJECTIVES OF THE AGENCY'S GLOBAL CLIMATE CHANGE (GCC) PROGRAM. FIRST ROUND OF PROPOSALS DUE 5/26/06, The GCC program promotes development that minimizes the associated growth in GHG emissions, assists vulnerable populations and ecosystems to adapt to potential impacts from climate variability and change, and supports climate observation systems. Five awards anticipated, average individual award \$250K. For more info and eligibility, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=2929>

USAID REQUESTS PROPOSALS FOR THE METHANE TO MARKETS PARTNERSHIP PROGRAM. RESPONSES DUE 6/16/06. This program supports activities that focus on the capture and commercial utilization of methane gas. The targeted methane sources include landfills, underground coal mines, and natural gas and oil systems. \$400K expected to be available, one or more awards anticipated. For more info and eligibility, contact Arun Sehgal at asehgal@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8332> Refer to Sol# 386-06-009.

USAID INVITES INTEREST FROM PROSPECTIVE PARTNER ORGANIZATIONS TO FORM PUBLIC-PRIVATE ALLIANCES IN SUPPORT OF THE GLOBAL DEVELOPMENT ALLIANCE. RESPONSES DUE 9/30/06. Areas of interest include but not limited to: Environment/energy, agriculture, urban programs, and economic growth and trade capacity building. Past individual award range \$200K to \$1 million. Eligibility is unrestricted. For more info, contact Kim Yee at kyee@usaid.gov or go to: <http://www.grants.gov/search/basic.do> Search for Funding Opportunity Number M-OAA-GRO-EGAS-06-07.

(New) USAID ENERGY TEAM ANNOUNCES ITS INTENT TO REQUEST CONCEPT PAPERS AND APPLICATIONS FROM U.S. AND NON-U.S. SOURCES FOR INNOVATIVE APPROACHES TO DEVELOP ENERGY SECTOR PROGRAMS. FINAL PROPOSALS DUE 9/30/06. The primary goal of the Energy Team is to power economic and social development through

expanded access to modern energy services. 3 to 4 awards anticipated, individual awards NTE \$1 million. For more info, contact Michael Glees at (202) 712-0273 or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8790> Refer to Sol# USAID-WASHINGTON-EGAT-06-0001-APS.

DEPARTMENT OF TRANSPORTATION

DOT REQUESTS PROPOSALS FOR THE UNIVERSITY TRANSPORTATION CENTERS PROGRAM: REGIONAL UTCs. RESPONSES DUE 6/1/06. DOT plans to establish and maintain one UTC in each of the ten standard federal regions. The purpose of the Centers is to advance U.S. technology and expertise in the many disciplines comprising transportation through the mechanisms of education, research, and technology transfer. \$62.5 million expected to be available, 10 awards anticipated. For more info and eligibility, go to: <http://utc.dot.gov/comp2006.html> Refer to Sol# DTRT06-G-REGIONALS.

STATE AND OTHER ORGANIZATIONS

SOUTHERN CALIFORNIA EDISON (SCE) ANNOUNCES ITS INTENT TO REQUEST PROPOSALS FOR THE IMPLEMENTATION OF ENERGY EFFICIENCY PROGRAMS AS PART OF SCE'S INNOVATIVE DESIGNS FOR ENERGY EFFICIENCY PROGRAM (INDEE). RFP SCHEDULED FOR RELEASE ON 5/18/06, ABSTRACTS DUE 6/19/06, FINAL PROPOSALS DUE 9/4/06. The intent behind INDEE is to solicit new programs for promising technologies and concepts that save electric energy and reduce electric peak demand. INDEE focuses on emerging technologies and processes or other concepts for which product introduction and commercialization are justified. \$1.8 million expected to be available, individual award range \$300K to \$500K. For more info go to: <http://www.sce.com/DoingBusiness/EEContractingOpportunities/>

(New) NC GREENPOWER (NCGP) REQUESTS PROPOSALS FOR POWER PRODUCTION FROM GREEN RESOURCES IN NC. RESPONSES DUE 6/2/06. NCGP is a statewide program designed to improve the quality of the environment by encouraging the development of renewable resources. Through this proposal, NCGP seeks responses only from solar and wind generators greater than 10 kW. Solar and wind generators with projects of 10 kW or less should contact NCGP directly at (919) 716-6398 for process requirements. For more info, contact RFP@advancedenergy.org or go to: <http://www.ncgreenpower.org/>

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SEEKS PROPOSALS TO SUPPORT THE DEVELOPMENT, DEMONSTRATION, AND COMMERCIALIZATION OF INNOVATIVE TRANSPORTATION PRODUCTS, SYSTEMS, AND SERVICES. FIRST ROUND PROPOSALS DUE 4/26/06. SECONDROUND PROPOSALS DUE 9/27/06. This is Program Opportunity Notice (PON) 1003. Two rounds are scheduled under this PON and total available NYSERDA funding is \$3 million. All, or none, of the available funds could be allocated in either round. More info at <http://www.nyserda.org/Funding/funding.asp?i=2>

THE HOUSTON ADVANCED RESEARCH CENTER, ON BEHALF OF THE TEXAS ENVIRONMENTAL RESEARCH CONSORTIUM, REQUESTS PROPOSALS FOR THE NEW TECHNOLOGY RESEARCH AND DEVELOPMENT (NTRD) PROGRAM. The purpose of NTRD is to identify, test and evaluate new emissions-reducing technologies with potential for commercialization in the state of Texas <http://www.tercairquality.org/NTRD/>

WORLD COMMUNITY GRID IS SOLICITING PROPOSALS TO ACCELERATE HUMANITARIAN RESEARCH VIA THE INTERNET. The goal is to support innovative efforts that will benefit most from this technology and deliver significant results on a variety of issues facing the global community. Areas of interest include new and existing infectious disease research, genomic and disease research,

natural disasters and hunger, and environmental research. Five or six research projects conducted for public and nonprofit purposes will be awarded. More information is available at:

http://www.worldcommunitygrid.org/projects_showcase/submit_a_proposal.html

NORTH CAROLINA CREATES SBIR/STTR INCENTIVE, MATCHING PROGRAM. North Carolina's small businesses are now eligible for follow-on support from the state for research projects funded under the federal Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Fund of up to \$3 million. The incentive program provides grants to NC businesses to offset costs associated with submitting proposals for funding under the SBIR/STTR programs. More information is available on page 215 of North Carolina's budget bill:

<http://www.ncleg.net/Sessions/2005/Budget/S622-PCCS.pdf>

NEWS and ACTIVITIES

STORMWATER CLEARING HOUSE: The University of Massachusetts has developed a searchable database containing validated performance data and technical information on innovative stormwater treatment technologies. The database can be accessed at an interactive website, <http://www.mastep.net> The clearinghouse is still being populated with information - any comments that you may have are welcome and should be sent to Jerry Schoen at 413-545-5532 or jschoen@tei.umass.edu

The ARSENIC VIRTUAL TRADE SHOW is a learning portal designed to help water systems comply with EPA's Arsenic Rule. Vendor Sign-up

<http://www.arsenictradeshow.com/VendorSignUp.aspx>

ETV has completed verification testing and reports for 351 innovative environmental technologies! For a full list of ETV verifications, visit <http://www.epa.gov/etv/verifications/verification-index.html>.

ETV AIR POLLUTION CONTROL TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The APCT Center, operated by RTI International, invites vendors to participate in verification tests of the following technologies:

Diesel Engine Retrofit Emissions Control Technologies: Technologies include add-on devices such as exhaust catalysts and particulate matter filters, engine modifications, selective catalytic reduction systems, fuel modifications and reformulations, alternative fuels, and lubricants used on mobile diesel engines and some categories of stationary engines. Verification of these technologies, when used to reduce nitrogen oxide (NOx) emissions, is of interest to Texas' New Technology Research and Development (NTRD) Program, as well as others. Interested vendors should contact Drew Trenholm, RTI, at (919) 316-3742 or atrenholm@rti.org For more information on the NTRD Program, please contact Richard Haut, Houston Advanced Research Center, at (281) 364-6093 or rhaut@harc.edu.

Fabric Filter Media: For more information, please contact Drew Trenholm, RTI, at (919) 316-3742 or atrenholm@rti.org

Ventilation Air Cleaning or Filtration Technologies: Interested vendors should contact Debbie Franke, RTI, at (919) 541-6826 or dlf@rti.org

ETV ADVANCED MONITORING SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The AMS Center, operated by Battelle, is soliciting vendors and collaborators of the following technologies:

Monitoring Technologies: Technologies for monitoring contaminants in air, water, and soil. For more information, please contact Ann Louise Sumner, Battelle, at (614) 424-3973 or sumnera@battelle.org

ETV DRINKING WATER SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The DWS Center, operated by NSF International, invites vendors and partners to participate in verification tests of the following technologies:

Drinking Water Treatment Technologies: Including technologies designed to assist in compliance with the Long Term 2 Enhanced Surface Water Treatment Rule and the Groundwater Rule. Examples of technologies that may be applicable include membrane filtration, ultraviolet radiation, and on-site chlorine generators. All alternative technologies will be considered.

The DWS Center is also interested in mobile package drinking water treatment systems that could be used for emergency water supplies and as permanent installations at small communities.

For more information, please contact Bruce Bartley, NSF, at (734) 769-5148 or bartley@nsf.org

ETV GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The GHG Center, operated by Southern Research Institute (SRI), is soliciting collaborators and vendors of the following technologies for independent performance verification testing:

Hydrogen Technologies: Including hydrogen generation reforming technologies, end-use applications (i.e., fuel cells and engines), storage technologies, and hydrogen safety technologies. For more information, please contact Richard Adamson, SRI, at (919) 806- 3456 (ext. 23) or adamson@sri.org

Distributed Electrical Generation and Combined Heating/Cooling and Power Technologies: Technologies associated with distributed electrical generation (i.e., fuel cells, Stirling engines, reciprocating engines), including combined heating/cooling and power applications (e.g., waste heat recovery for space heating, water heating, chillers/refrigeration, dehumidification, etc.). For more information, please contact Tim Hansen, SRI, at (919) 806-3456 or hansen@sri.org

Fuel Efficient Technologies for Light Duty Vehicles: Including light duty hybrids, engine and driveline lubricants, novel transmissions (CVTs and others), cylinder deactivation, integrated starter-generators, idle reduction, and other technologies that reduce fuel consumption. For more information, please contact Tim Hansen, SRI, at (919) 806-3456 or hansen@sri.org

ETV WATER QUALITY PROTECTION CENTER SOLICITS TECHNOLOGY VENDORS

The WQP Center, operated by NSF International, invites vendors to participate in verification tests of the following technologies:

Grouting Materials for Infrastructure Rehabilitation: Interested vendors should contact Tom Stevens, NSF, at (734) 769-5347 or stevens@nsf.org

For more detailed information on these ETV vendor solicitations, please visit <http://www.epa.gov/etv/vendors/vendannounce.html>.

ETV VENDOR MEETINGS

May 25, 2006 - The ETV ESTE project for Microbial Resistant Building Materials: Gypsum Wallboard will host a vendor meeting on May 25, in Research Triangle Park, NC. The meeting will be held from 10:00 a.m. to 1:30 p.m. at the Research Triangle Institute, Building 11, Bay 4. For more information, please contact Debbie Franke, RTI International, at (919) 541-6826 or dlf@rti.org.

ETV STAKEHOLDER MEETINGS

July 13, 2006 - The ETV ESTE project for Verification of Pesticide Drift Reduction Technologies will host its second stakeholder panel meeting on July 13, in Portland, OR. The meeting will follow the American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting being held July 9-12, also in Portland. For more information, please contact Kerry Bullock, EPA, at (919) 541-2340 or bullock.kerry@epa.gov

UPCOMING CONFERENCES AND MEETINGS

A complete list of ETV meetings, conferences, and presentations is available on the ETV Calendar at <http://www.epa.gov/etv/calendar/current.html>. Meetings that may be of particular interest at which ETV is exhibiting and/or participating are:

June 11-15, 2006 - The American Water Works Association (AWWA) 2006 Annual Conference and Exposition will be held June 11-15, in San Antonio, TX. ACE06, "The World's Water Event," is designed as a source of knowledge and information for water professionals who work to improve the supply and quality of water in North America and beyond. The ETV Program will exhibit. For more information, please visit <http://www.awwa.org/ace06/>

June 20-23, 2006 - The Air and Waste Management Association (AWMA) 99th Annual Conference and Exhibition will be held June 20-23, in New Orleans, LA. The theme of this year's conference is "Healthy Environments: Rebirth and Renewal," and will feature sessions closely tied to the environmental recovery from Hurricane Katrina and similar large-scale natural disasters. In addition, the exhibition will highlight the latest environmental products and services and will bring together companies in the areas of air and water management. The ETV Program will exhibit. For more information, please visit <http://www.awma.org/ACE2006/>

JOINING ETVOICE If your colleagues are interested in subscribing to ETVoice, they can do so on the ETV Web Site at <http://www.epa.gov/etv/etvoice/subscribe.html>

UPCOMING SMALL BUSINESS INNOVATION RESEARCH (SBIR) WORKSHOPS

Several of the events listed below are non-EPA sponsored events, EPA lists them for your information only and is not responsible for the content or the information distributed at the listed events. For more information about these events, go to the web address listed for each or go to: <http://www.zyn.com/sbir/cal/> or <http://www.ssti.org/Calendar/calendartext.htm>

June 1, 2006 -- ASU Technopolis SBIR/STTR Phase I Writing Proposal Workshop will be held in Tempe, AZ. More information is available at: www.asutechnopolis.org June 8-9, 2006 -- SBIR/STTR Conference will be held in West Palm Beach, FL. For more information contact young@fau.edu.

June 13, 2006 -- 2006 Maine SBIR/STTR Summer Session Portland, ME

In this informative event, small businesses, inventors, entrepreneurs and service providers will hear from agency program managers on their SBIR/STTR programs. In addition, agency program managers will be available to meet one-on-one with small businesses to discuss their technology and fit to agency needs. Go to <http://www.mainetechnology.org/>

June 15-16, 2006 -- SBIR/STTR Phase I & Cost Proposal Preparation Workshops will be held in New Brunswick, N.J. For more information contact RandyGHarmon@aol.com.

June 21-23, 2006 -- The 3rd IEEE International Conference on Management of Innovation and Technology will be held in Singapore. More information is available at: <http://www.ntu.edu.sg/mae/admin/divisions/systems/icmit2006/index.html>

June 22-24, 2006 -- The 11th International J. A. Schumpeter Society (ISS) Conference Innovation, Competition and Growth: Schumpeterian Perspectives will be held at the University of Nice Sophia Antipolis. More information is available at: <http://www.schumpeter2006.org/>

July 6-7, 2006 -- DOE/USDA SBIR Energy Summit Oak Ridge, TN. The USDA SBIR program, led by CSREES (Cooperative State Research, Education, and Extension Service), is joining its Department of Energy (DOE) counterpart for this summit. The event will provide a forum to help engage the small business community in the development of renewable energy technologies. For more info, go to http://www.csrees.usda.gov/funding/sbir/sbir_summit.html

Nov. 6-9, 2006 -- NATIONAL SBIR FALL 2006 CONFERENCE, Milwaukee, WI. The National Science Foundation, in association with the Small Business Administration and all 11 SBIR agencies, is sponsoring this 2006 Fall National SBIR/STTR Conference. Participants will have multiple opportunities to meet and network with SBIR and STTR Program Managers, and fellow attendees, including SBIR/STTR award winners, speakers, and experts from businesses and the government willing to work with you to move your business ahead. More information is available at <http://www.sbirworld.com/conferences/eventDetails.asp?mnuConf=1&confId=1648&fromPg=home>

UPCOMING EVENTS

MAY/JUNE 2006 ITRC INTERNET-BASED TRAINING COURSES

The Interstate Technology & Regulatory Council (ITRC) offers a wide variety of Internet-based training courses on innovative environmental technologies and approaches specific to the areas of site characterization, monitoring and remediation. Upcoming courses:

- ITRC What's New with In Situ Chemical Oxidation? - 5/11/06;
- ITRC Site Investigation and Remediation for Munitions Response Projects - 5/18/06;
- Bioreactor Landfills - Characterization, Design, Construction and Monitoring of Bioreactor Landfills - 6/13/06;

- Permeable Reactive Barriers - Lessons Learned and New Directions - 6/15/06.

On-line course registration opens 4-6 weeks before each session. Go to <http://clu-in.org/studio/seminar.cfm#upcoming> to register for ITRC training hosted by EPA's Clu-In. Dates subject to change. If you have additional questions after completing the on-line registration form please call 402-201-2419 or e-mail training@itrcweb.org

ITRC is a program of the Environmental Research Institute of the States (ERIS), a nonprofit corporation operating in support of the Environmental Council of the States (ECOS). Registration information for the ITRC's no cost courses is available at: <http://clu-in.org/studio/> or <http://www.itrcweb.org> Click on Internet-based Training or Contact Mary Yelken.

Long-Term Monitoring Optimization (LTMO) Training (Spring 2006). U.S. Army Corps of Engineers are partnering with the states of Georgia, Kansas, Missouri, Nebraska, New Jersey, and South Carolina to offer this important training in four locations Atlanta, GA, Columbia, SC, Trenton, NJ, and Kansas City, KS this Spring. The training provides state and federal regulators with information about new quantitative methods of LTMO for groundwater. While the training is designed primarily for state and federal regulators, federal facilities cleanup managers, potentially responsible parties (PRPs), and contractors are welcome to participate. State and federal regulators will receive registration priority. Hands-on training in the use of MAROS also will be provided for a limited number of students at the Atlanta, Trenton, and Kansas City deliveries. For dates and details about each training and to register, visit <http://www.trainex.org>

June 27-30 -- CALL FOR ABSTRACTS! 2006 Community Involvement Conference and Training, Milwaukee, WI. This EPA conference will offer participants original, engaging, and interactive presentations focusing on ways government can effectively interact with communities to achieve environmental results. Proposal abstracts are due Jan. 18, 2006. For abstract instruction and a list of solicited topics, see <http://epa.gov/superfund/action/community/ciconference/2006/index.htm>

July 13-14, 2006 -- EPA STAR Progress Review Workshop for the Endocrine Disruptors Program. This workshop will present the progress and results of recent EPA-funded Science to Achieve Results (STAR) research on endocrine disrupting chemicals. More info at: <http://es.epa.gov/ncer/events/index.html#jul1306>

August 7-9, 2006 -- Call for Abstracts! International Conference on The Future of Agriculture: Science, Stewardship, and Sustainability, Sacramento, CA. This conference is sponsored by EPA and the Midwest Hazardous Substance Research Center. It will address: success stories in the areas of: air quality, water quality, waste management, and environmental stewardship; linking promising research and lessons learned from EPA's Superfund Program and other arenas (state of the science) with on-the-ground agricultural activities (state of the practice). Abstracts for an oral presentation or a poster presentation are due Mar. 1, 2006. For a complete list of presentation topics requested and abstract instructions, see <http://www.dce.ksu.edu/dce/conf/ag&environment/>

August 21-24 -- 2006 Midwestern States Risk Assessment Symposium, Indianapolis. The primary topic is chlorinated solvents. The topic is divided into sessions on Trichloroethylene and Dry Cleaners. Each session will

feature nationally prominent speakers. Call for Poster abstracts still open. For more information and to register, see <http://web.e-enterprise.purdue.edu/wps/portal/Environment/msras> .

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